

Fig. 1

TOP SECRET 462000

Graph 1: PerCent Conversion of Palladium - 5
Hour Profile

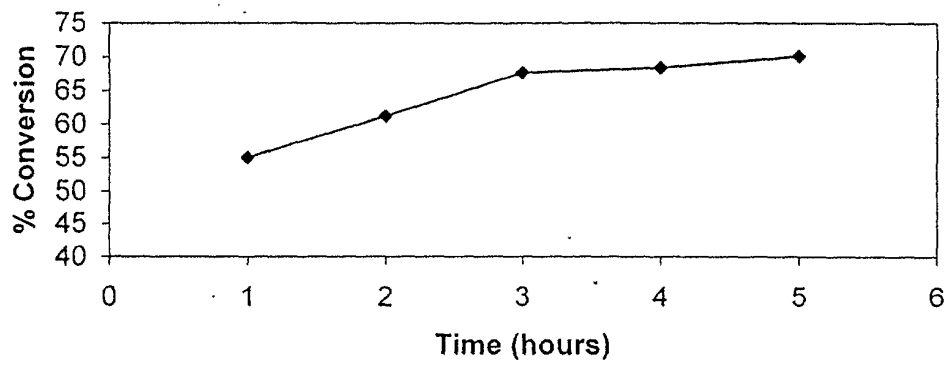
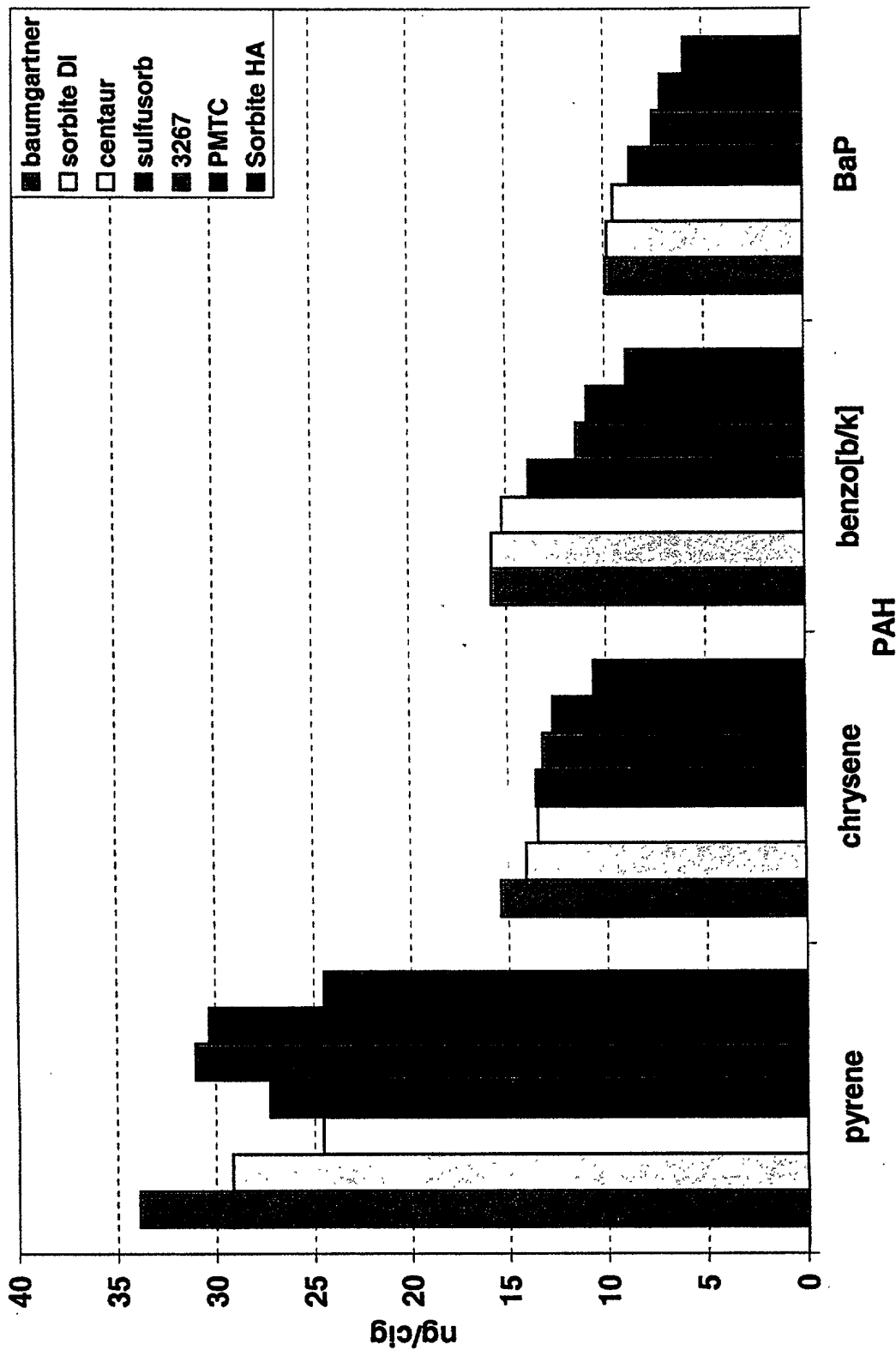


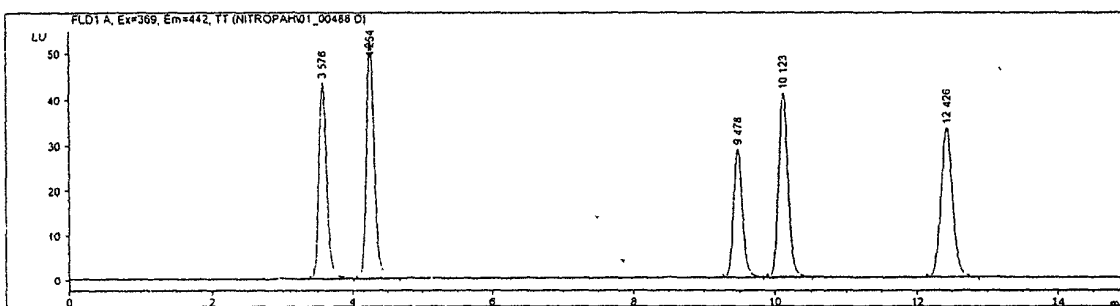
Fig. 2

Fig. 3

Experimental Charcoal Effects On PAHs



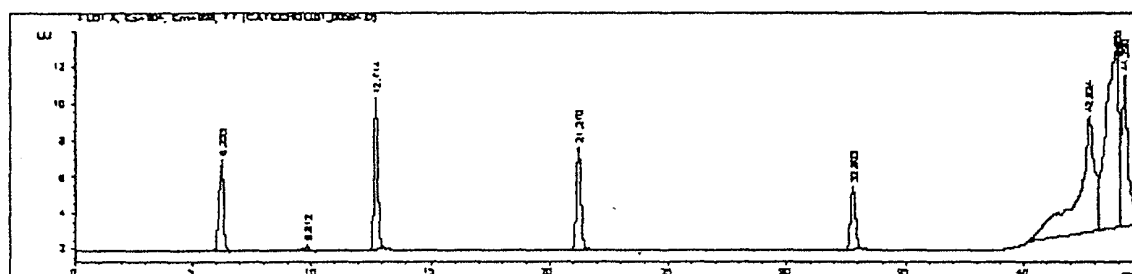
105077-162006



HPLC spectrum of standards, from left to right: 1,6-diaminopyrene, 1,8-diaminopyrene, 4-aminopyrene, 1-aminopyrene and 6-aminochrysene

Fig. 4

1000724-14007

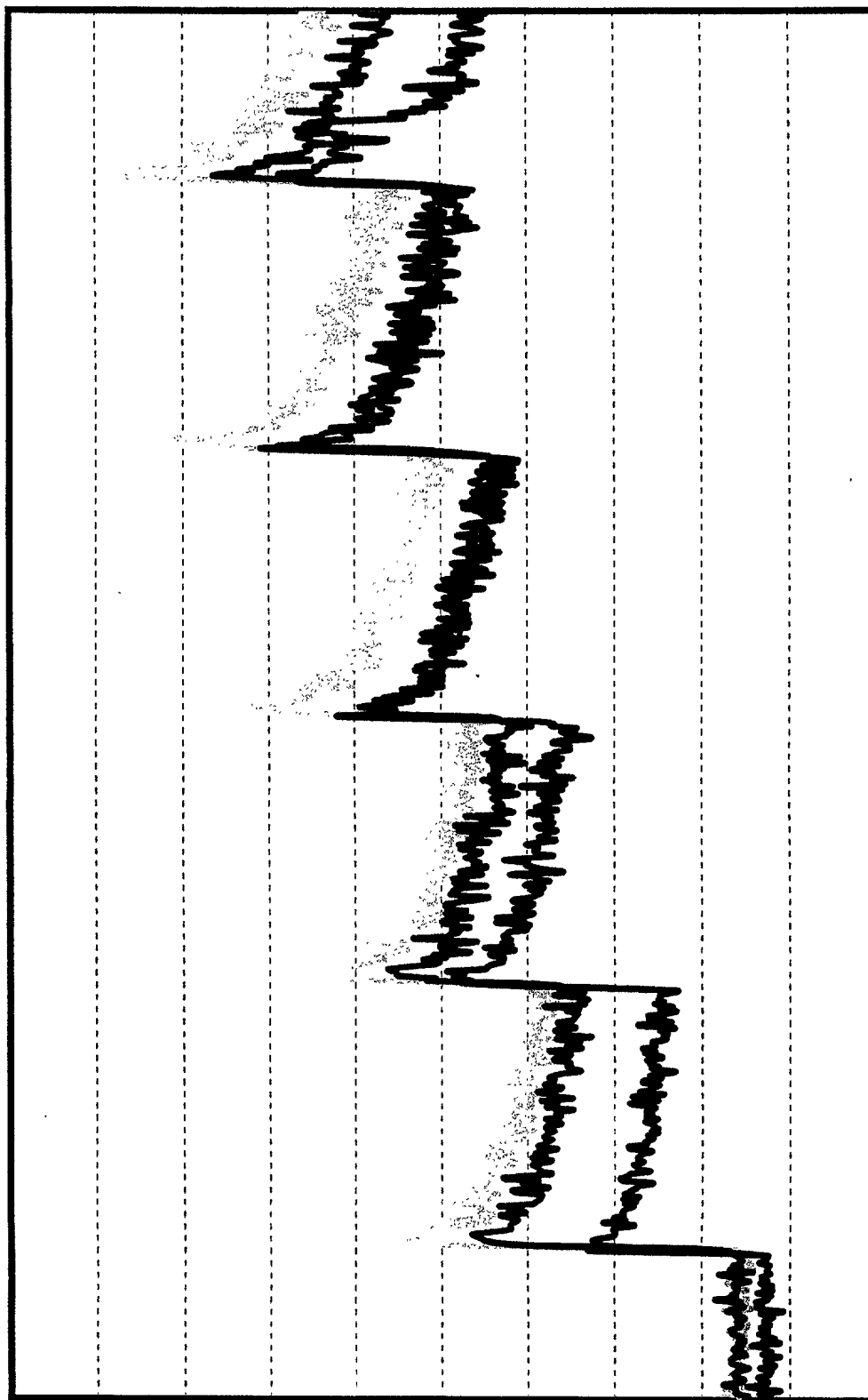


Peaks from left to right; Hydroquinone, Resorcinol, Catechol, Phenol, O-Cresol

Fig. 5

Fig. 6

Following the Volatile Level Increase on a Per Puff Basis



Puffs

CAVIFLEX GAS PHASE REMOVAL EFFICIENCY VERSUS WEIGHT OF ACTIVE CARBON
(active carbon 208C with semolina)

Fig. 7

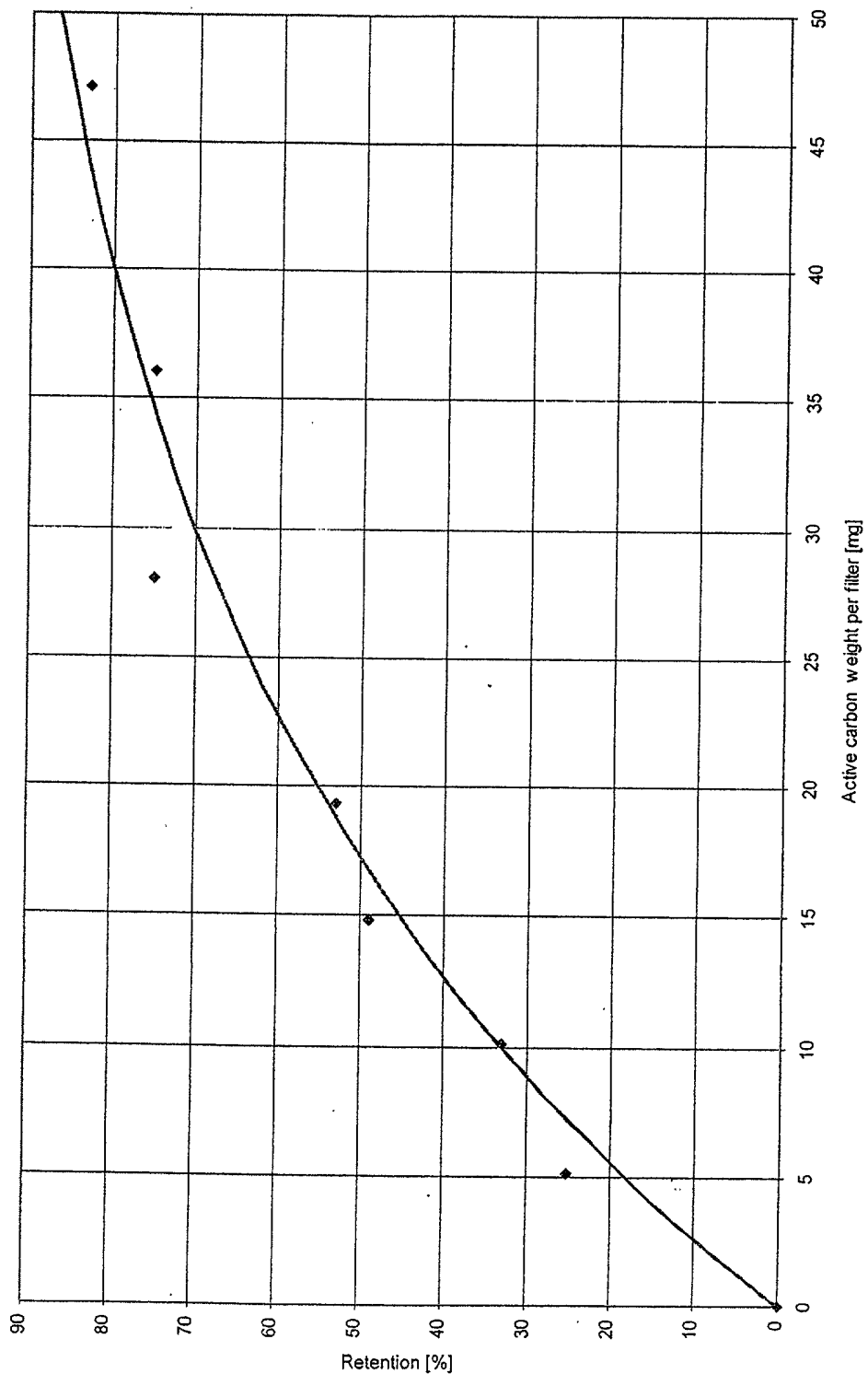


Fig. 8

GAS PHASE RETENTIONS DUAL COAL FILTERS (AB-AF)

Graph 1

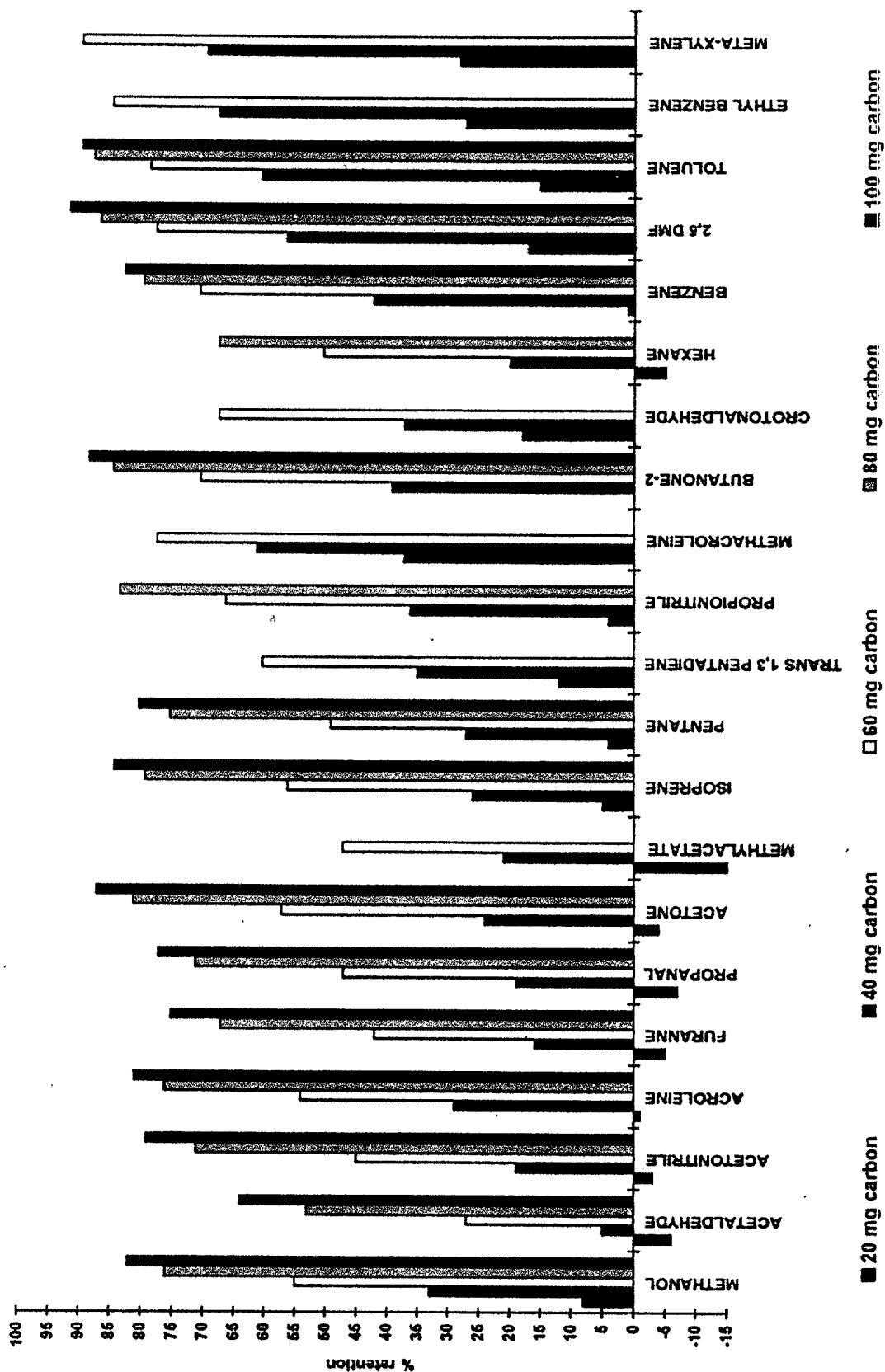


Fig. 9 CAVIFLEX GAS PHASE REMOVAL EFFICIENCY VERSUS WEIGHT OF ACTIVE CARBON
(active carbon BR255 with inert carbon)

